

APPENDIX

Miscellaneous Figures

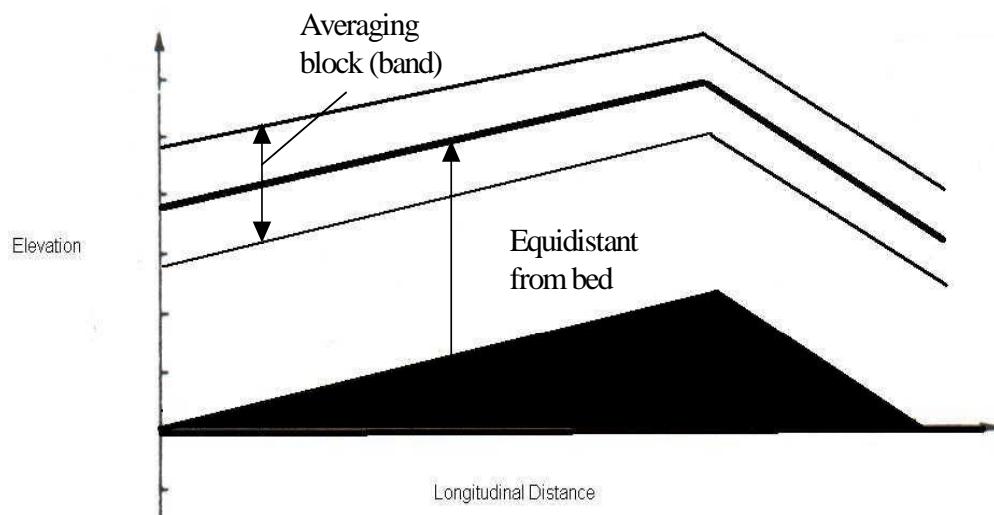


Figure A.1—Schematic of spatial averaging scheme used in this research

General Location Data for Each Data Set (KANK-1, MO-1, and MO-2)

Location	X (m)	u^*_L (cm/s)	U_m (cm/s)	H (m)
7	47.01	8.62	89.61	1.98
8	58.76	6.23	88.74	1.98
9	68.17	4.92	89.82	1.86
10	78.75	3.67	88.01	1.83
11	97.55	3.95	88.01	1.89
12	109.30	4.75	88.49	1.80
13	0	5.69	90.23	1.71
14	4.70	5.02	88.44	1.68
15	11.75	6.58	86.99	1.68
16	15.28	3.52	86.78	1.77
17	18.80	4.79	84.27	1.80
18	22.33	6.95	87.89	1.83
19	27.03	7.95	86.52	1.92
20	35.26	5.01	87.84	1.80
21	45.84	7.22	88.10	1.92

X is the distance from the previous bedform crest; u^*_L is the local shear velocity for the outer layer; U_m is the maximum velocity in the vertical; *H* is the flow depth;

Table A.1.—Location data for experiment KANK-1

Location	X (m)	u^* (cm/s)	U_m (cm/s)	H (m)
5	8.43	6.91	169	6.96
6	10.10	4.09	174	6.68
7	11.21	7.73	178	6.54
8	14.36	5.1	178	6.18
9	16.78	5.22	179	5.91
10	19.19	7.54	180	5.86
11	2.40	9.76	174	5.87
12	6.30	15.75	170	6.27
13	7.60	10.46	168	6.66
14	8.34	17.22	187	6.65
15	10.94	13.06	162	7.27

X is the distance from the previous bedform crest; u^*_L is the local shear velocity for the outer layer; U_m is the maximum velocity in the vertical; *H* is the flow depth

Table A.2—Location data for experiment MO-1

Location	X (m)	u^* (cm/s)	U_m (cm/s)	H (m)
1	19.50	7.95	120	5.40
2	24.51	9.98	118	5.18
3	33.77	3.75	118	5.06
4	43.54	8.96	119	5.27
5	54.41	7.39	122	5.09
6	74.56	9.06	120	4.82
7	94.90	6.07	125	4.70
8	108.56	4.63	130	4.57
9	118.28	11.68	124	4.85
12	139.18	8.50	130	4.73
11	0	9.67	121	4.51
10	3.76	7.44	131	4.66
13	9.28	7.77	122	5.06
14	13.23	11.79	128	5.46
15	19.50	10.21	124	5.15

X is the distance from the previous bedform crest; u_{*L} is the local shear velocity for the outer layer; U_m is the maximum velocity in the vertical; H is the flow depth;

Table A.3—Location data for experiment MO-2

Local Data for Each Data Set (KANK-1, MO-1, and MO-2)

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.3	86.9	--	--	--	ADCP
1.05	83.3	--	--	--	ADCP
0.8	70.2	--	--	--	ADCP
0.55	61.0	--	--	--	ADCP
0.30	40.0	--	--	--	ADCP
0.11	--	--	169	120	--
0.17	49.6	28.7	--	--	ADV
0.47	65.0	19.8	--	--	ADV
0.69	--	--	99	36	--
1.83	89.6	2.31	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.4.—Data for KANK-1, Location 7

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.32	85.7	--	--	--	ADCP
1.06	84.1	--	--	--	ADCP
0.82	45.4	--	--	--	ADCP
0.56	55.2	--	--	--	ADCP
0.32	34.1	--	--	--	ADCP
0.04	40.7	19.3	--	--	ADV
0.11	--	--	116	55	--
0.35	66.1	15.2	--	--	ADV
0.69	--	--	94	33	--
1.83	88.7	2.29	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.5.—Data for KANK-1, Location 8

Elevation	u	$-\rho\bar{u}'w'$	C (total)	C(sand)	Instrument

(m)	(cm/s)	(dynes/cm ²)	(mg/l)	(mg/l)	(ADV or ADCP)
1.28	86.0	--	--	--	ADCP
1.03	82.6	--	--	--	ADCP
0.78	35.7	--	--	--	ADCP
0.53	42.9	--	--	--	ADCP
0.28	41.2	--	--	--	ADCP
0.07	58.8	16.9	--	--	ADV
0.11	--	--	150	80	--
0.38	71.1	13.7	--	--	ADV
0.69	--	--	108	44	--
1.71	89.8	5.44	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.6.—Data for KANK-1, Location 9

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.24	82.9	--	--	--	ADCP
0.99	79.8	--	--	--	ADCP
0.74	53.6	--	--	--	ADCP
0.49	44.4	--	--	--	ADCP
0.24	36.0	--	--	--	ADCP
0.087	59.8	32.1	--	--	ADV
0.11	--	--	159	102	--
0.39	72.2	15.1	--	--	ADV
0.69	--	--	89	25	--
1.68	88.0	2.08	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.7.—Data for KANK-1, Location 10

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)

1.21	80.9	--	--	--	ADCP
0.96	74.5	--	--	--	ADCP
0.71	65.7	--	--	--	ADCP
0.46	54.9	--	--	--	ADCP
0.21	31.7	--	--	--	ADCP
0.067	31.2	24.0	--	--	ADV
0.11	--	--	241	176	--
0.37	72.1	20.1	--	--	ADV
0.69	--	--	71	16	--
1.74	88.0	2.08	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.8.—Data for KANK-1, Location 11

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.12	82.2	--	--	--	ADCP
0.87	81.5	--	--	--	ADCP
0.63	75.0	--	--	--	ADCP
0.38	39.5	--	--	--	ADCP
0.21	31.7	--	--	--	ADCP
0.077	56.7	23.4	--	--	ADV
0.11	--	--	175	114	--
0.38	70.7	18.7	--	--	ADV
0.69	--	--	78	16	--
1.65	88.5	3.62	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.9.—Data for KANK-1, Location 12

Elevation	u	$-\rho\bar{u}'w'$	C (total)	C(sand)	Instrument
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(m)	(cm/s)	(dynes/cm ²)	(mg/l)	(mg/l)	(ADV or ADCP)
1.03	84.5	--	--	--	ADCP
0.78	81.9	--	--	--	ADCP
0.53	63.3	--	--	--	ADCP
0.28	39.9	--	--	--	ADCP
0.11	59.21	22.2	115	53	ADV
0.41	72.0	21.3	--	--	ADV
0.69	--	--	65	10	--
1.56	90.2	4.31	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.10.—Data for KANK-1, Location 13

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.02	82.4	--	--	--	ADCP
0.77	79.1	--	--	--	ADCP
0.52	58.9	--	--	--	ADCP
0.27	45.8	--	--	--	ADCP
0.09	59.2	19.7	--	--	ADV
0.11	--	--	94	35	--
0.40	71.0	16.8	--	--	ADV
0.69	--	--	84	29	--
1.55	88.4	4.61	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.11.—Data for KANK-1, Location 14

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.03	82.9	--	--	--	ADCP

0.78	71.1	--	--	--	ADCP
0.53	59.4	--	--	--	ADCP
0.28	53.4	--	--	--	ADCP
0.08	56.8	29.6	--	--	ADV
0.11	--	--	134	68	--
0.39	67.2	20.2	--	--	ADV
0.69	--	--	76	19	--
1.53	87.0	8.05	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.12.—Data for KANK-1, Location 15

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.11	83.8	--	--	--	ADCP
0.86	63.1	--	--	--	ADCP
0.61	66.6	--	--	--	ADCP
0.36	55.4	--	--	--	ADCP
0.02	5.65	--	--	--	ADV
0.11	--	--	106	68	--
0.33	73.4	16.2	--	--	ADV
0.69	--	--	56	24	--
1.61	86.8	0.84	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.13.—Data for KANK-1, Location 16

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.21	81.1	--	--	--	ADCP
0.96	58.7	--	--	--	ADCP
0.71	64.5	--	--	--	ADCP

0.46	62.4	--	--	--	ADCP
0.21	53.8				
0.08	56.1	26.8	--	--	ADV
0.11	--	--	142	80	--
0.38	67.8	22.0	--	--	ADV
0.69	--	--	87	36	--
1.75	84.3	0.97	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.14.—Data for KANK-1, Location 17

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.21	83.6	--	--	--	ADCP
0.96	82.3	--	--	--	ADCP
0.71	75.6	--	--	--	ADCP
0.46	46.8	--	--	--	ADCP
0.21	42.3				
0.12	48.2	43.4	--	--	ADV
0.11	--	--	140	73	--
0.43	66.8	14.0	--	--	ADV
0.69	--	--	86	34	--
1.68	87.9	2.01	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.15.—Data for KANK-1, Location 18

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.31	83.3	--	--	--	ADCP
1.06	81.0	--	--	--	ADCP

0.81	75.8	--	--	--	ADCP
0.56	63.2	--	--	--	ADCP
0.31	53.0	--	--	--	ADCP
0.09	43.5	34.1	--	--	ADV
0.39	60.6	25.3	--	--	ADV
1.77	86.5	2.61	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.16.—Data for KANK-1, Location 19

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.18	83.9	--	--	--	ADCP
0.93	82.2	--	--	--	ADCP
0.56	63.2	--	--	--	ADCP
0.11	60.2	12.5	--	--	ADV
0.41	71.6	16.6	--	--	ADV
1.65	87.8	1.06	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.17.—Data for KANK-1, Location 20

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
1.24	82.1	--	--	--	ADCP
0.99	82.3	--	--	--	ADCP
0.74	79.8	--	--	--	ADCP

0.49	66.2	--	--	--	ADCP
0.10	53.7	29.5	--	--	ADV
0.41	65.2	22.0	--	--	ADV
1.77	88.1	4.13	--	--	ADV

u is the mean velocity at the elevation; $-\rho\overline{u'w'}$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.18.—Data for KANK-1, Location 21

Elevation (m)	u (cm/s)	$-\rho\overline{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.93	168.0	--	--	--	ADCP
5.68	166.9	--	--	--	ADCP
5.43	166.3	--	--	--	ADCP
5.18	165.3	--	--	--	ADCP
4.93	162.9	--	--	--	ADCP

4.68	160.4	--	--	--	ADCP
4.43	160.7	--	--	--	ADCP
4.18	158.5	--	--	--	ADCP
3.93	156.6	--	--	--	ADCP
3.68	154.2	--	--	--	ADCP
3.43	152.3	--	--	--	ADCP
3.18	150.6	--	--	--	ADCP
2.93	149.0	--	--	--	ADCP
2.68	147.2	--	--	--	ADCP
2.43	146.8	--	--	--	ADCP
2.18	144.4	--	--	--	ADCP
1.93	143.0	--	--	--	ADCP
1.68	139.4	--	--	--	ADCP
0.69	--	--	554	252	--
0.50	117.9	48.1	--	--	ADV
0.13	73.4	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.19.—Data for MO-1, Location 5

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.65	172.8	--	--	--	ADCP
5.40	172.4	--	--	--	ADCP
5.15	172.4	--	--	--	ADCP
4.90	172.1	--	--	--	ADCP
4.65	169.5	--	--	--	ADCP

4.40	168.4	--	--	--	ADCP
4.15	166.4	--	--	--	ADCP
3.90	166.6	--	--	--	ADCP
3.65	164.4	--	--	--	ADCP
3.40	164.3	--	--	--	ADCP
3.15	163.4	--	--	--	ADCP
2.90	161.6	--	--	--	ADCP
2.65	161.8	--	--	--	ADCP
2.40	160.0	--	--	--	ADCP
2.15	159.1	--	--	--	ADCP
1.90	158.1	--	--	--	ADCP
1.65	156.7	--	--	--	ADCP
1.40	155.3	--	--	--	ADCP
0.69	--	--	459	268	--
0.49	117.9	--	--	--	ADV
0.13	73.4	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.20.—Data for MO-1, Location 6

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.51	176.6	--	--	--	ADCP
5.26	177.0	--	--	--	ADCP
5.01	175.1	--	--	--	ADCP
4.76	175.5	--	--	--	ADCP
4.51	173.1	--	--	--	ADCP

4.25	171.9	--	--	--	ADCP
4.00	170.4	--	--	--	ADCP
3.75	169.2	--	--	--	ADCP
3.50	167.2	--	--	--	ADCP
3.25	164.3	--	--	--	ADCP
3.00	163.3	--	--	--	ADCP
2.75	162.9	--	--	--	ADCP
2.50	160.1	--	--	--	ADCP
2.25	157.7	--	--	--	ADCP
2.00	155.5	--	--	--	ADCP
1.75	152.8	--	--	--	ADCP
1.50	151.3	--	--	--	ADCP
1.25	150.3	--	--	--	ADCP
0.69	--	--	510	274	--
0.42	119.9	48.1	--	--	ADV
0.06	86.2	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.21.—Data for MO-1, Location 7

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.15	175.8	--	--	--	ADCP
4.90	176.1	--	--	--	ADCP
4.65	177.1	--	--	--	ADCP
4.40	175.1	--	--	--	ADCP
4.15	172.7	--	--	--	ADCP

3.90	171.1	--	--	--	ADCP
3.65	169.0	--	--	--	ADCP
3.40	168.6	--	--	--	ADCP
3.15	167.3	--	--	--	ADCP
2.90	165.8	--	--	--	ADCP
2.65	164.5	--	--	--	ADCP
2.40	162.4	--	--	--	ADCP
2.15	161.3	--	--	--	ADCP
1.90	160.1	--	--	--	ADCP
1.65	157.7	--	--	--	ADCP
1.40	157.0	--	--	--	ADCP
1.15	155.0	--	--	--	ADCP
0.42	132.8	57.6	--	--	ADV
0.06	113.8	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.22.—Data for MO-1, Location 8

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.87	177.8	--	--	--	ADCP
4.62	178.7	--	--	--	ADCP
4.37	177.9	--	--	--	ADCP
4.12	177.4	--	--	--	ADCP
3.87	176.1	--	--	--	ADCP

3.62	175.2	--	--	--	ADCP
3.37	172.6	--	--	--	ADCP
3.12	172.1	--	--	--	ADCP
2.87	172.3	--	--	--	ADCP
2.62	170.0	--	--	--	ADCP
2.37	169.2	--	--	--	ADCP
2.12	169.0	--	--	--	ADCP
1.87	165.8	--	--	--	ADCP
1.62	163.7	--	--	--	ADCP
1.37	163.0	--	--	--	ADCP
0.69	--	--	537	214	--
0.42	131.8	58.4	--	--	ADV
0.06	112.2	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.23.—Data for MO-1, Location 9

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.82	179.0	--	--	--	ADCP
4.57	179.5	--	--	--	ADCP
4.32	178.8	--	--	--	ADCP
4.07	175.6	--	--	--	ADCP
3.82	173.8	--	--	--	ADCP

3.57	173.8	--	--	--	ADCP
3.32	172.5	--	--	--	ADCP
3.07	170.1	--	--	--	ADCP
2.82	166.3	--	--	--	ADCP
2.57	163.8	--	--	--	ADCP
2.32	162.5	--	--	--	ADCP
2.07	159.0	--	--	--	ADCP
1.82	157.5	--	--	--	ADCP
1.57	155.7	--	--	--	ADCP
0.42	126.9	9.1	--	--	ADV
0.06	96.7	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.24.—Data for MO-1, Location 10

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.23	173.5	--	--	--	ADCP
4.98	172.4	--	--	--	ADCP
4.73	172.6	--	--	--	ADCP
4.48	171.5	--	--	--	ADCP
4.23	170.2	--	--	--	ADCP

3.98	168.6	--	--	--	ADCP
3.73	165.8	--	--	--	ADCP
3.48	164.6	--	--	--	ADCP
3.23	161.0	--	--	--	ADCP
2.98	159.4	--	--	--	ADCP
2.73	157.0	--	--	--	ADCP
2.48	156.0	--	--	--	ADCP
2.23	152.2	--	--	--	ADCP
1.98	151.6	--	--	--	ADCP
1.73	149.7	--	--	--	ADCP
1.48	150.3	--	--	--	ADCP
0.69	--	--	232	9	--
0.42	101.4	76.5	--	--	ADV
0.06	10.8	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.25.—Data for MO-1, Location 11

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.62	170.0	--	--	--	ADCP
5.37	169.9	--	--	--	ADCP
5.12	167.7	--	--	--	ADCP
4.87	165.6	--	--	--	ADCP
4.62	164.8	--	--	--	ADCP

4.37	162.9	--	--	--	ADCP
4.12	160.4	--	--	--	ADCP
3.87	158.6	--	--	--	ADCP
3.62	154.7	--	--	--	ADCP
3.37	152.5	--	--	--	ADCP
3.12	150.5	--	--	--	ADCP
2.87	146.2	--	--	--	ADCP
2.62	140.1	--	--	--	ADCP
2.37	135.1	--	--	--	ADCP
2.12	131.1	--	--	--	ADCP
1.87	127.4	--	--	--	ADCP
1.62	123.5	--	--	--	ADCP
1.37	118.2	--	--	--	ADCP
0.69	--	--	234	53	--
0.42	57.1	--	--	--	ADV
0.06	0.0	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.26.—Data for MO-1, Location 12

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.58	167.6	--	--	--	ADCP
5.33	167.2	--	--	--	ADCP
5.08	166.0	--	--	--	ADCP
4.83	164.7	--	--	--	ADCP
4.58	161.9	--	--	--	ADCP

4.33	157.3	--	--	--	ADCP
4.08	155.2	--	--	--	ADCP
3.83	152.0	--	--	--	ADCP
3.58	149.0	--	--	--	ADCP
3.33	145.7	--	--	--	ADCP
3.08	141.9	--	--	--	ADCP
2.83	139.1	--	--	--	ADCP
2.58	135.0	--	--	--	ADCP
2.33	132.8	--	--	--	ADCP
2.08	131.4	--	--	--	ADCP
1.83	127.0	--	--	--	ADCP
1.58	123.8	--	--	--	ADCP
1.33	119.9	--	--	--	ADCP
0.69	--	--	203	13	--
0.42	57.1	--	--	--	ADV
0.06	0.0	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.27.—Data for MO-1, Location 13

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.62	187.1	--	--	--	ADCP
5.37	180.3	--	--	--	ADCP
5.12	171.9	--	--	--	ADCP
4.87	169.6	--	--	--	ADCP
4.62	168.8	--	--	--	ADCP

4.37	163.8	--	--	--	ADCP
4.12	159.9	--	--	--	ADCP
3.87	158.9	--	--	--	ADCP
3.62	150.0	--	--	--	ADCP
3.37	151.4	--	--	--	ADCP
3.12	147.3	--	--	--	ADCP
2.87	150.8	--	--	--	ADCP
2.62	141.0	--	--	--	ADCP
2.37	138.5	--	--	--	ADCP
2.12	133.4	--	--	--	ADCP
0.69	--	--	240	34	--
0.42	94.7	--	--	--	ADV
0.06	87.3	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.28.—Data for MO-1, Location 14

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
5.83	159.6	--	--	--	ADCP
5.58	160.0	--	--	--	ADCP
5.33	160.9	--	--	--	ADCP
5.08	160.3	--	--	--	ADCP
4.83	159.6	--	--	--	ADCP

4.58	157.3	--	--	--	ADCP
4.33	156.9	--	--	--	ADCP
4.08	153.7	--	--	--	ADCP
3.83	151.8	--	--	--	ADCP
3.58	148.6	--	--	--	ADCP
3.33	146.0	--	--	--	ADCP
3.08	142.6	--	--	--	ADCP
2.83	140.0	--	--	--	ADCP
2.58	137.6	--	--	--	ADCP
2.33	134.3	--	--	--	ADCP
2.08	130.3	--	--	--	ADCP
1.83	126.3	--	--	--	ADCP
1.58	122.5	--	--	--	ADCP
1.33	116.7	--	--	--	ADCP
0.69	--	--	195	8	--
0.42	103.4	--	--	--	ADV
0.06	87.9	--	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.29.—Data for MO-1, Location 15

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.22	113.1	15.0	--	--	ADCP
3.97	112.7	25.7	--	--	ADCP
3.72	111.1	22.1	--	--	ADCP
3.47	110.4	24.2	--	--	ADCP
3.22	108.3	25.6	--	--	ADCP

2.97	107.0	34.3	--	--	ADCP
2.72	104.9	23.8	--	--	ADCP
2.47	103.6	33.1	--	--	ADCP
2.22	101.4	39.6	--	--	ADCP
1.97	99.9	33.7	--	--	ADCP
1.72	96.4	36.9	--	--	ADCP
1.47	93.0	48.7	--	--	ADCP
1.22	90.5	59.3	--	--	ADCP
0.97	84.6	59.3	--	--	ADCP
0.72	81.6	--	--	--	ADCP
0.47	78.8	--	--	--	ADCP
5.06	118.6	2.11	--	--	ADV
4.36	118.6	12.2	--	--	ADV
3.49	107.3	20.9	--	--	ADV
2.58	105.8	11.8	--	--	ADV
1.71	97.8	37.7	--	--	ADV
1.29	95.6	38.5	--	--	ADV
1.19	84.4	34.4	--	--	ADV
1.10	90.6	28.5	--	--	ADV
1.00	79.8	29.0	--	--	ADV
0.90	80.7	20.0	--	--	ADV
0.81	75.5	32.6	--	--	ADV
0.71	81.9	26.9	--	--	ADV
0.62	83.4	24.5	--	--	ADV
0.52	72.4	31.2	--	--	ADV
0.42	76.1	23.8	--	--	ADV
0.33	69.3	8.97	--	--	ADV
0.24	66.6	3.99	--	--	ADV
0.09	24.8	60.0	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.30.—Data for MO-2, Location 1

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.00	113.9	18.6	--	--	ADCP
3.75	113.7	10.9	--	--	ADCP
3.50	112.1	29.4	--	--	ADCP
3.25	110.0	18.3	--	--	ADCP
3.00	108.2	19.2	--	--	ADCP

2.75	107.0	27.7	--	--	ADCP
2.50	105.1	39.0	--	--	ADCP
2.25	102.1	34.9	--	--	ADCP
2.00	98.4	36.5	--	--	ADCP
1.75	96.5	40.9	--	--	ADCP
1.50	93.9	42.2	--	--	ADCP
1.25	89.1	52.3	--	--	ADCP
1.00	82.9	60.8	--	--	ADCP
0.75	74.1	94.6	--	--	ADCP
0.50	65.2	--	--	--	ADCP
0.25	55.9	--	--	--	ADCP
4.96	118.1	0	--	--	ADV
3.95	113.7	6.18	--	--	ADV
2.95	112.4	15.8	--	--	ADV
1.95	94.9	38.7	--	--	ADV
0.98	83.9	20.2	--	--	ADV
0.87	98.1	27.8	--	--	ADV
0.74	87.9	16.1	--	--	ADV
0.62	81.1	30.8	--	--	ADV
0.50	73.4	20.2	--	--	ADV
0.38	72.4	23.6	--	--	ADV
0.27	74.6	10.7	--	--	ADV
0.15	63.3	14.0	--	--	ADV
0.09	45.2	31.6	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.31—Data for MO-2, Location 2

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.88	115.0	24.5	--	--	ADCP
3.63	113.9	14.6	--	--	ADCP
3.38	114.8	19.3	--	--	ADCP
3.13	113.0	5.61	--	--	ADCP
2.88	111.8	16.1	--	--	ADCP

2.63	110.4	11.4	--	--	ADCP
2.38	108.7	19.8	--	--	ADCP
2.13	106.8	15.0	--	--	ADCP
1.88	105.6	32.4	--	--	ADCP
1.63	104.0	30.8	--	--	ADCP
1.38	102.9	32.6	--	--	ADCP
1.13	101.3	43.0	--	--	ADCP
0.88	97.6	--	--	--	ADCP
0.63	92.4	--	--	--	ADCP
4.85	117.8	1.23	--	--	ADV
3.85	114.6	4.01	--	--	ADV
2.85	113.1	26.4	--	--	ADV
1.85	102.9	38.4	--	--	ADV
0.85	99.0	53.8	--	--	ADV
0.69	79.8	42.3	--	--	ADV
0.57	81.0	38.7	--	--	ADV
0.43	84.9	25.8	--	--	ADV
0.28	77.4	22.7	--	--	ADV
0.19	81.6	12.1	--	--	ADV
0.04	25.4	0	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.32—Data for MO-2, Location 3

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.09	115.2	13.9	--	--	ADCP
3.84	114.4	15.5	--	--	ADCP
3.59	112.2	18.7	--	--	ADCP
3.34	109.6	16.1	--	--	ADCP
3.09	108.1	31.7	--	--	ADCP

2.84	106.9	26.4	--	--	ADCP
2.59	105.0	47.2	--	--	ADCP
2.34	102.3	40.2	--	--	ADCP
2.09	99.3	42.7	--	--	ADCP
1.84	97.0	38.2	--	--	ADCP
1.59	93.9	38.0	--	--	ADCP
1.34	91.0	31.0	--	--	ADCP
1.09	86.7	--	--	--	ADCP
0.84	77.7	--	--	--	ADCP
5.07	112.9	2.62	--	--	ADV
3.86	119.0	18.5	--	--	ADV
2.89	111.3	16.4	--	--	ADV
1.98	105.8	10.6	--	--	ADV
0.94	84.9	31.0	--	--	ADV
0.82	92.1	27.8	--	--	ADV
0.69	82.9	20.4	--	--	ADV
0.57	77.1	30.2	--	--	ADV
0.42	74.1	39.4	--	--	ADV
0.29	70.1	48.5	--	--	ADV
0.19	57.5	22.6	--	--	ADV
0.10	40.5	17.9	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.33—Data for MO-2, Location 4

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.72	111.7	11.9	--	--	ADCP
3.47	112.0	5.72	--	--	ADCP
3.22	109.9	25.2	--	--	ADCP
2.97	109.9	21.2	--	--	ADCP
2.71	107.5	12.3	--	--	ADCP

2.46	106.3	29.0	--	--	ADCP
2.21	103.9	29.1	--	--	ADCP
1.96	101.6	36.5	--	--	ADCP
1.71	98.6	35.0	--	--	ADCP
1.46	96.6	40.8	--	--	ADCP
1.21	93.8	43.5	--	--	ADCP
0.96	89.8	41.3	--	--	ADCP
0.72	85.2	--	--	--	ADCP
0.47	79.3	--	--	--	ADCP
0.22	70.2	--	--	--	ADCP
4.87	121.3	4.36	--	--	ADV
3.90	117.5	17.1	--	--	ADV
2.90	109.9	17.1	--	--	ADV
1.74	92.9	40.8	--	--	ADV
0.93	90.9	41.7	--	--	ADV
0.77	89.7	47.6	--	--	ADV
0.65	85.8	54.0	--	--	ADV
0.52	75.1	39.8	--	--	ADV
0.40	61.0	87.8	--	--	ADV
0.21	45.6	88.9	--	--	ADV
0.11	43.5	31.9	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.34—Data for MO-2, Location 5

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.64	115.6	--	--	--	ADCP
3.39	115.4	--	--	--	ADCP
3.14	114.5	--	--	--	ADCP
2.89	111.8	--	--	--	ADCP
2.64	109.5	--	--	--	ADCP

2.39	107.2	--	--	--	ADCP
2.14	104.5	--	--	--	ADCP
1.89	101.7	--	--	--	ADCP
1.64	98.9	--	--	--	ADCP
1.39	95.1	--	--	--	ADCP
1.14	90.6	--	--	--	ADCP
0.89	83.0	--	--	--	ADCP
0.64	75.4	--	--	--	ADCP
4.62	118.9	3.00	--	--	ADV
3.83	119.5	16.7	--	--	ADV
2.86	111.2	39.4	--	--	ADV
1.90	102.0	27.6	--	--	ADV
0.93	82.0	97.5	--	--	ADV
0.81	86.3	59.0	--	--	ADV
0.66	75.7	46.0	--	--	ADV
0.54	77.4	69.0	--	--	ADV
0.42	67.5	7.83	--	--	ADV
0.30	73.2	4.96	--	--	ADV
0.18	73.8	6.03	--	--	ADV
0.09	63.7	14.3	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.35—Data for MO-2, Location 6

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.37	119.4	--	--	--	ADCP
3.12	117.4	--	--	--	ADCP
2.87	116.3	--	--	--	ADCP
2.62	115.2	--	--	--	ADCP
2.37	113.9	--	--	--	ADCP

2.12	112.1	--	--	--	ADCP
1.87	107.2	--	--	--	ADCP
1.62	106.1	--	--	--	ADCP
1.37	105.4	--	--	--	ADCP
1.12	103.2	--	--	--	ADCP
0.87	97.0	--	--	--	ADCP
0.62	93.9	--	--	--	ADCP
0.37	84.8	--	--	--	ADCP
4.47	90.8	0	--	--	ADV
3.86	124.4	0	--	--	ADV
2.89	115.8	20.5	--	--	ADV
1.93	109.1	26.2	--	--	ADV
0.96	97.5	28.2	--	--	ADV
0.81	98.2	29.8	--	--	ADV
0.66	100.2	40.3	--	--	ADV
0.54	91.4	14.0	--	--	ADV
0.42	91.6	33.9	--	--	ADV
0.30	90.4	12.9	--	--	ADV
0.18	90.2	7.87	--	--	ADV
0.09	48.7	0	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.36—Data for MO-2, Location 7

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.39	121.8	17.6	--	--	ADCP
3.14	122.1	16.3	--	--	ADCP
2.89	119.9	14.2	--	--	ADCP
2.64	119.1	20.6	--	--	ADCP
2.39	116.7	16.5	--	--	ADCP

2.14	116.5	13.5	--	--	ADCP
1.89	114.3	23.9	--	--	ADCP
1.64	112.1	27.5	--	--	ADCP
1.39	110.6	40.5	--	--	ADCP
1.14	107.8	52.2	--	--	ADCP
0.89	102.4	63.6	--	--	ADCP
0.64	97.5	59.0	--	--	ADCP
0.39	85.2	--	--	--	ADCP
4.35	129.3	10.3	--	--	ADV
3.60	126.4	20.7	--	--	ADV
2.93	120.6	24.8	--	--	ADV
1.96	108.0	31.2	--	--	ADV
0.99	104.5	30.8	--	--	ADV
0.84	107.9	23.6	--	--	ADV
0.45	86.6	58.7	--	--	ADV
0.33	68.6	69.2	--	--	ADV
0.18	56.5	32.2	--	--	ADV
0.09	60.0	20.8	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.37—Data for MO-2, Location 8

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.67	118.5	--	--	--	ADCP
3.42	116.9	--	--	--	ADCP
3.17	115.4	--	--	--	ADCP
2.92	113.5	--	--	--	ADCP
2.67	112.7	--	--	--	ADCP

2.42	110.0	--	--	--	ADCP
2.17	107.5	--	--	--	ADCP
1.92	104.6	--	--	--	ADCP
1.67	100.2	--	--	--	ADCP
1.42	94.6	--	--	--	ADCP
1.17	91.2	--	--	--	ADCP
0.92	84.9	--	--	--	ADCP
0.67	74.6	--	--	--	ADCP
0.42	37.5	--	--	--	ADCP
4.62	123.7	3.00	--	--	ADV
3.92	121.7	12.1	--	--	ADV
2.95	115.0	15.5	--	--	ADV
1.98	112.0	16.8	--	--	ADV
1.03	87.8	33.2	--	--	ADV
0.90	84.4	50.3	--	--	ADV
0.78	78.3	37.8	--	--	ADV
0.63	79.3	34.6	--	--	ADV
0.51	53.8	163.2	--	--	ADV
0.39	33.8	149.6	--	--	ADV
0.27	26.1	146.3	--	--	ADV
0.15	17.6	34.3	--	--	ADV
0.09	17.4	3.94	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.38—Data for MO-2, Location 9

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.49	124.4	--	--	--	ADCP
3.24	123.9	--	--	--	ADCP

2.99	123.2	--	--	--	ADCP
2.74	120.7	--	--	--	ADCP
2.49	118.7	--	--	--	ADCP
2.24	116.8	--	--	--	ADCP
1.99	113.7	--	--	--	ADCP
1.74	111.1	--	--	--	ADCP
1.49	107.5	--	--	--	ADCP
1.24	104.8	--	--	--	ADCP
0.99	101.8	--	--	--	ADCP
0.74	96.8	--	--	--	ADCP
0.49	92.9	--	--	--	ADCP
4.44	121.1	0	--	--	ADV
3.95	130.9	6.62	--	--	ADV
2.98	116.4	17.6	--	--	ADV
2.02	114.4	24.6	--	--	ADV
1.10	103.2	32.8	--	--	ADV
0.95	101.4	36.7	--	--	ADV
0.86	98.3	25.8	--	--	ADV
0.74	100.6	56.4	--	--	ADV
0.68	100.0	48.2	--	--	ADV
0.59	98.8	31.4	--	--	ADV
0.47	92.2	25.1	--	--	ADV
0.35	61.0	44.7	--	--	ADV
0.26	38.9	42.8	--	--	ADV
0.01	9.35	1.19	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.39—Data for MO-2, Location 10

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.33	120.2	--	--	--	ADCP
3.08	119.4	--	--	--	ADCP

2.83	118.7	--	--	--	ADCP
2.58	116.3	--	--	--	ADCP
2.33	112.9	--	--	--	ADCP
2.08	109.5	--	--	--	ADCP
1.83	106.1	--	--	--	ADCP
1.58	101.6	--	--	--	ADCP
1.33	98.4	--	--	--	ADCP
1.08	94.0	--	--	--	ADCP
0.83	93.0	--	--	--	ADCP
0.58	90.5	--	--	--	ADCP
0.33	82.8	--	--	--	ADCP
0.23	83.2	33.3	--	--	ADV
0.05	61.8	32.4	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.40—Data for MO-2, Location 11

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.55	119.8	28.0	--	--	ADCP
3.30	120.3	25.8	--	--	ADCP
3.05	117.2	16.6	--	--	ADCP
2.80	116.4	41.0	--	--	ADCP
2.55	115.0	15.0	--	--	ADCP

2.30	111.0	32.8	--	--	ADCP
2.05	108.5	22.3	--	--	ADCP
1.80	105.2	31.3	--	--	ADCP
1.55	101.6	29.1	--	--	ADCP
1.30	98.4	51.8	--	--	ADCP
1.05	94.1	45.6	--	--	ADCP
0.80	89.7	52.7	--	--	ADCP
0.55	83.8	--	--	--	ADCP
3.79	129.7	19.9	--	--	ADV
2.83	118.3	26.9	--	--	ADV
1.88	108.8	41.0	--	--	ADV
0.97	94.6	51.3	--	--	ADV
0.83	94.5	34.9	--	--	ADV
0.68	95.2	28.1	--	--	ADV
0.53	94.3	51.4	--	--	ADV
0.30	91.0	41.3	--	--	ADV
0.18	73.9	30.2	--	--	ADV
0.09	48.8	80.8	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.41—Data for MO-2, Location 12

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
3.88	118.8	--	--	--	ADCP
3.63	118.8	--	--	--	ADCP
3.38	118.6	--	--	--	ADCP
3.13	115.5	--	--	--	ADCP
2.88	114.0	--	--	--	ADCP

2.63	111.9	--	--	--	ADCP
2.38	109.6	--	--	--	ADCP
2.13	107.0	--	--	--	ADCP
1.88	103.9	--	--	--	ADCP
1.63	101.5	--	--	--	ADCP
1.38	98.8	--	--	--	ADCP
1.13	95.1	--	--	--	ADCP
0.88	89.7	--	--	--	ADCP
0.63	82.7	--	--	--	ADCP
4.71	120.9	4.84	--	--	ADV
3.80	119.7	11.1	--	--	ADV
2.86	121.6	21.2	--	--	ADV
1.67	106.8	42.4	--	--	ADV
0.96	98.5	32.3	--	--	ADV
0.84	90.0	33.9	--	--	ADV
0.77	83.8	31.8	--	--	ADV
0.66	79.1	46.6	--	--	ADV
0.54	87.6	42.2	--	--	ADV
0.24	77.0	23.5	--	--	ADV
0.08	71.4	16.6	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u'w'}$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.42—Data for MO-2, Location 13

Elevation (m)	u (cm/s)	$-\rho\bar{u'w'}$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.29	117.5	--	--	--	ADCP
4.04	116.5	--	--	--	ADCP
3.79	115.5	--	--	--	ADCP
3.54	114.2	--	--	--	ADCP
3.29	112.0	--	--	--	ADCP

3.04	110.7	--	--	--	ADCP
2.79	107.3	--	--	--	ADCP
2.54	105.3	--	--	--	ADCP
2.29	102.7	--	--	--	ADCP
2.04	98.6	--	--	--	ADCP
1.79	95.6	--	--	--	ADCP
1.54	91.8	--	--	--	ADCP
1.29	88.2	--	--	--	ADCP
1.04	85.1	--	--	--	ADCP
0.79	72.1	--	--	--	ADCP
0.54	33.0	--	--	--	ADCP
4.64	127.1	2.90	--	--	ADV
3.13	112.9	12.2	--	--	ADV
2.27	112.0	27.6	--	--	ADV
1.23	87.8	25.2	--	--	ADV
0.93	79.0	25.6	--	--	ADV
0.63	71.9	45.2	--	--	ADV
0.54	70.2	47.4	--	--	ADV
0.42	70.2	33.8	--	--	ADV
0.34	55.5	144.2	--	--	ADV
0.25	20.0	87.4	--	--	ADV
0.06	6.52	0	--	--	ADV
0.01	-14.2	14.8	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.43—Data for MO-2, Location 14

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	C (total) (mg/l)	C(sand) (mg/l)	Instrument (ADV or ADCP)
4.00	115.4	--	--	--	ADCP
3.75	116.1	--	--	--	ADCP
3.50	116.2	--	--	--	ADCP
3.25	114.2	--	--	--	ADCP
3.00	110.6	--	--	--	ADCP

2.75	108.5	--	--	--	ADCP
2.50	106.0	--	--	--	ADCP
2.25	103.0	--	--	--	ADCP
2.00	101.0	--	--	--	ADCP
1.75	99.6	--	--	--	ADCP
1.50	96.0	--	--	--	ADCP
1.25	91.6	--	--	--	ADCP
1.00	87.1	--	--	--	ADCP
0.75	84.2	--	--	--	ADCP
0.50	78.0	--	--	--	ADCP
4.32	123.8	3.00	--	--	ADV
3.41	117.2	15.1	--	--	ADV
2.21	112.8	14.9	--	--	ADV
1.21	89.5	15.9	--	--	ADV
0.90	84.5	20.6	--	--	ADV
0.60	85.3	19.1	--	--	ADV
0.30	77.7	27.2	--	--	ADV
0.18	49.5	30.0	--	--	ADV
0.09	43.2	33.2	--	--	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; C is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.44—Data for MO-2, Location 15

Spatially Averaged Data for Each Data Set (KANK-1, MO-1, and MO-2)

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	Instrument (ADV or ADCP)
1.26	83.6	--	ADCP

1.03	80.8	--	ADCP
0.78	65.9	--	ADCP
0.52	57.1	--	ADCP
0.28	40.8	--	ADCP
0.08	49.7	22.3	ADV
0.39	69.4	18.1	ADV
1.69	88.2	3.02	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; instrument is the type of instrument used to collect the velocity

Table A.45.—Spatially Averaged Data for KANK-1

Elevation (m)	u (cm/s)	$-\rho\bar{u}'w'$ (dynes/cm ²)	Instrument (ADV or ADCP)
5.60	172.6	--	ADCP
5.31	172.5	--	ADCP
5.10	171.3	--	ADCP
4.84	172.3	--	ADCP
4.59	171.4	--	ADCP
4.34	169.8	--	ADCP

4.09	167.7	--	ADCP
3.84	166.1	--	ADCP
3.59	163.7	--	ADCP
3.34	162.1	--	ADCP
3.09	159.9	--	ADCP
2.84	158.2	--	ADCP
2.59	155.0	--	ADCP
2.34	153.1	--	ADCP
2.09	150.4	--	ADCP
1.84	149.4	--	ADCP
1.59	147.2	--	ADCP
1.34	144.1	--	ADCP
0.43	107.7	--	ADV
0.06	66.6	--	ADV

u is the mean velocity at the elevation; $-\rho\overline{u'w'}$ is the Reynolds stress; instrument is the type of instrument used to collect the velocity

Table A.46.— Spatially Averaged Data for MO-1

Elevation (m)	u (cm/s)	$-\rho\overline{u'w'}$ (dynes/cm ²)	Instrument (ADV or ADCP)
3.57	113.8	--	ADCP
3.35	115.3	--	ADCP
3.10	114.0	--	ADCP
2.85	112.2	--	ADCP
2.60	110.7	--	ADCP
2.36	108.4	--	ADCP

2.11	106.2	--	ADCP
1.86	103.3	--	ADCP
1.61	100.7	--	ADCP
1.36	97.7	--	ADCP
1.12	94.3	--	ADCP
0.87	88.6	--	ADCP
0.62	81.1	--	ADCP
4.64	121.0	2.87	ADV
3.84	120.4	11.7	ADV
2.89	113.2	21.8	ADV
1.91	104.5	28.4	ADV
1.02	91.3	32.4	ADV
0.91	90.3	44.7	ADV
0.79	89.8	41.6	ADV
0.67	86.1	37.8	ADV
0.60	82.1	36.7	ADV
0.52	77.1	56.9	ADV
0.41	68.9	52.3	ADV
0.29	65.4	47.7	ADV
0.18	59.9	29.7	ADV
0.11	43.6	17.5	ADV

u is the mean velocity at the elevation; $-\rho\bar{u}'w'$ is the Reynolds stress; *C* is the sediment concentration; instrument is the type of instrument used to collect the velocity

Table A.47— Spatially Averaged Data for MO-2